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JC20 Rec'd PCT/PTO 11 MAR 2002

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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

14

Application Number

09/868,209

Filing Date

June 14, 2001

First Named Inventor

Dick et al.

Group Art Unit

Not Yet Known

Examiner Name

Not Yet Known

Attorney Docket Number

I-2-0130.1US

### ENCLOSURES (check all that apply)

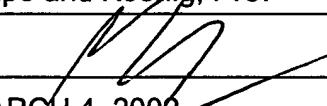
Fee Transmittal Form  
 Fee Attached  
 Amendment / Reply  
 After Final  
 Affidavits/declaration(s)  
 Extension of Time Request  
 Express Abandonment Request  
 Information Disclosure Statement  
 Certified Copy of Priority Document(s)  
 Response to Missing Parts/ Incomplete Application  
 Response to Missing Parts under 37 CFR 1.52 or 1.53

Assignment Papers (for an Application)  
 Drawing(s)  
 Licensing-related Papers  
 Petition  
 Petition to Convert to a Provisional Application  
 Power of Attorney, Revocation Change of Correspondence Address  
 Terminal Disclaimer  
 Request for Refund  
 CD, Number of CD(s) \_\_\_\_\_

After Allowance Communication to Group  
 Appeal Communication to Board of Appeals and Interferences  
 Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  
 Proprietary Information  
 Status Letter  
 Other Enclosure(s) (please identify below):  
Copy of Notice of Missing Requirements under 35 U.S.C. 371 in the United States Designated/elected Office (DO/EO/US)

Remarks

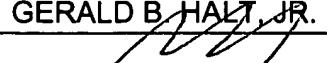
### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	GERALD B. HALT, JR. Volpe and Koenig, P.C.	Reg. No. 37,633
Signature		
Date	MARCH 4, 2002	

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Box PCT, Commissioner for Patents, Washington, DC 20231 on this date:

MARCH 4, 2002

Typed or printed name	GERALD B. HALT, JR.
Signature	
Date	MARCH 4, 2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 1,050)

## Complete If Known

Application Number	09/868,209
Filing Date	June 14, 2001
First Named Inventor	Dick et al.
Examiner Name	Not Yet Known
Group Art Unit	Not Yet Known
Attorney Docket No.	I-2-0130.1US

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **09-0435**  
Deposit Account Name **InterDigital Comm. Corp.**

Charge any Deficiencies or Credit any Overpayment in the Total Fees Associated With This Communication

Applicant claims small entity status.  
See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370 Utility filing fee	
106	330	206	165 Design filing fee	
107	510	207	255 Plant filing fee	
108	740	208	370 Reissue filing fee	
114	160	214	80 Provisional filing fee	

SUBTOTAL (1) (\$ 0)

## 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			** =	X =	
			** =	X =	

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203	9 Claims in excess of 20
102	84	202	42 Independent claims in excess of 3
104	280	204	140 Multiple dependent claim, if not paid
109	84	209	42 ** Reissue independent claims over original patent

110 18 210 9 \*\* Reissue claims in excess of 20 and over original patent

03/14/2002 UEDUVIJE 00000048 090435 and 09868209

01 FC:15

130.00 CH SUBTOTAL (2) (\$ 0)

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65 Surcharge - late filing fee or oath	130
127	50	227	25 Surcharge - late provisional filing fee or cover sheet	
139	130	139	130 Non-English specification	
147	2,520	147	2,520 For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840* Requesting publication of SIR after Examiner action	
115	110	215	55 Extension for reply within first month	
116	400	216	200 Extension for reply within second month	
117	920	217	460 Extension for reply within third month	920
118	1,440	218	720 Extension for reply within fourth month	
128	1,960	228	980 Extension for reply within fifth month	
119	320	219	160 Notice of Appeal	
120	320	220	160 Filing a brief in support of an appeal	
121	280	221	140 Request for oral hearing	
138	1,510	138	1,510 Petition to institute a public use proceeding	
140	110	240	55 Petition to revive - unavoidable	
141	1,280	241	640 Petition to revive - unintentional	
142	1,280	242	640 Utility issue fee (or reissue)	
143	460	243	230 Design issue fee	
144	620	244	310 Plant issue fee	
122	130	122	130 Petitions to the Commissioner	
123	50	123	50 Processing fee under 37 CFR 1.17(q)	
126	180	126	180 Submission of Information Disclosure Stmt	
581	40	581	40 Recording each patent assignment per property (times number of properties)	
146	740	246	370 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370 Request for Continued Examination (RCE)	
169	900	169	900 Request for expedited examination of a design application	
Other fee (specify) _____				

\*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 1,050)

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	GERALD B. HALT, JR.	Registration No. (Attorney/Agent)	42,584	Telephone	215-568-6400
Signature				Date	3/1/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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Commissioner For Patents, Box PCT, United States Patent and Trademark Office, Washington, D.C. 20231, [www.uspto.gov](http://www.uspto.gov)

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
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09/868,209

Stephen G Dick

1-2-130.US

INTERNATIONAL APPLICATION NO.

PCT/US99/29405

I.A. FILING DATE

PRIORITY DATE

12/12/1999

Volpe and Koenig  
Suite 400 One Penn Center  
1617 John F Kennedy Boulevard  
Philadelphia, PA 19103

RECEIVED  
AM/PM

OCT 05 2001

CONFIRMATION NO. 6986

371 FORMALITIES LETTER



\*OC00000006801993\*

VOLPE & KOENIG, P.C.

Date Mailed: 10/02/2001

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fees
- Copy of IPE Report
- Copy of the International Application
- Copy of the International Search Report
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTH FROM THE DATE OF THIS NOTICE OR BY 22 or 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

KAYA L LEWIS BALTIMORE

DOCKETED FOR 12/2/01 Missing requirements

Telephone: (703) 305-3695

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/868,209	PCT/US99/29405	1-2-130.US

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In the PATENT APPLICATION of:**

Dick et al.

**Application No.:** 09/868,209

**Confirmation No.:** 6986

**Filed:** June 14, 2001

**For:** RANDOM ACCESS CHANNEL  
PREAMBLE DETECTION

**Group:** Not Yet Known

**Examiner:** Not Yet Known

**Our File:** I-0130.1US

**Date:** March 4, 2002

**COMMUNICATION IN RESPONSE TO  
NOTICE OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE  
UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Box PCT  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Notice of Missing Requirements under 35 U.S.C. 371 in the United States Designated/elected Office (DO/EO/US) mailed from the Office on October 2, 2001, the following are enclosed:

1. Copy of Notice of Missing Requirements under 35 U.S.C. 371  
in the United States Designated/elected Office (DO/EO/US) ;
2. Declaration for Utility of Design Patent Application; and
3. Petition for Extension of Time Under 37 C.F.R. 1.136(a).

**Applicant: Dick et al.**  
**Application No.: 09/868,209**

Please charge the total filing fee of \$1,050 to the Deposit Account of InterDigital Communications Corporation, Deposit Account No. 09/0435 as indicated on the Fee Transmittal Sheet.

Respectfully submitted,

Dick et al.

By   
Gerald B. Halt, Jr.  
Registration No. 37,633  
(215) 568-6400

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1617 John F. Kennedy Boulevard  
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GBH/ns  
Enclosures